

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097740.D
 Acq On : 16 Aug 2017 15:50
 Operator : SJ/JU
 Sample : PB101499BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BL

Quant Time: Aug 17 01:21:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

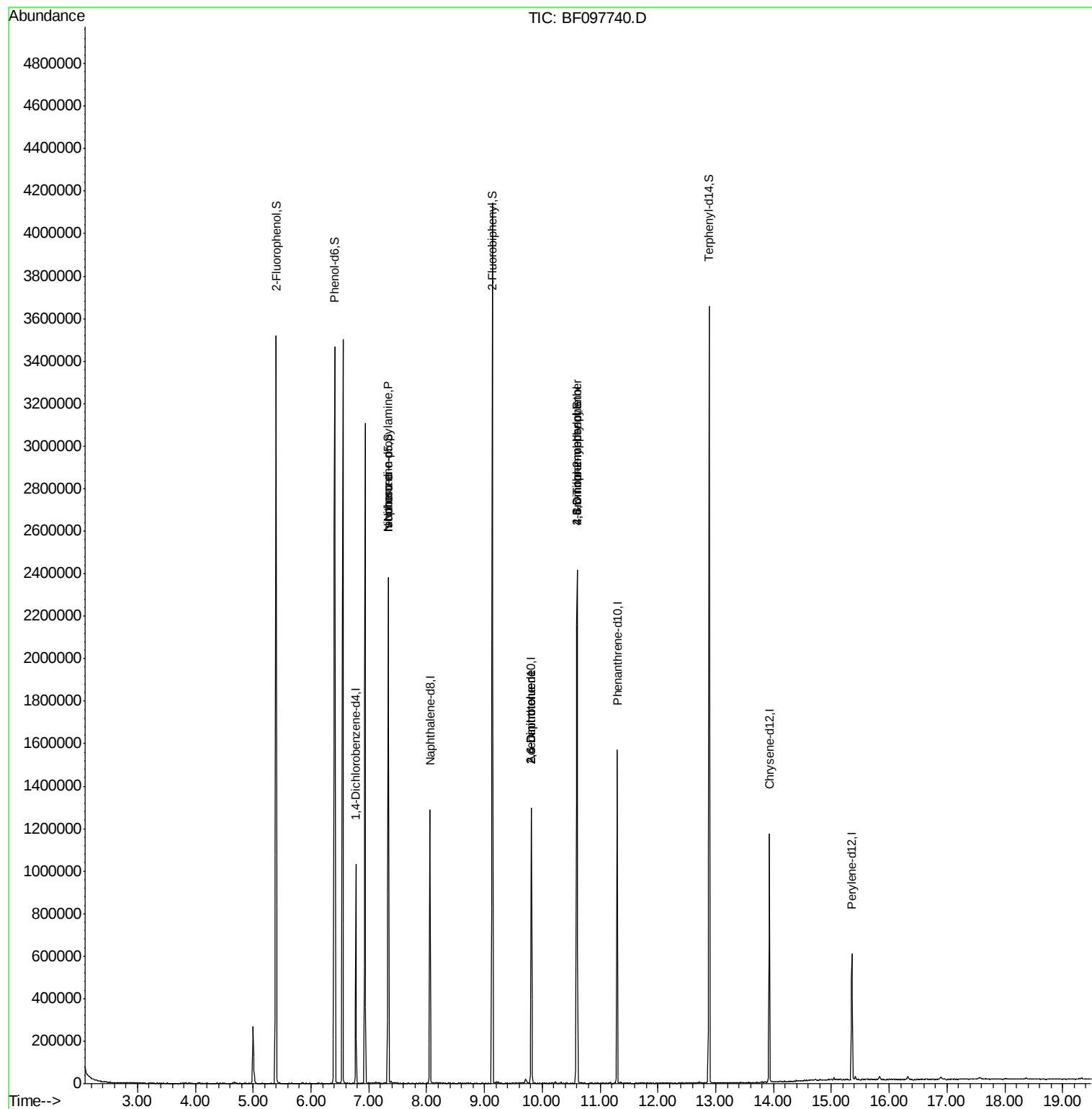
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	141964	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	583188	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	273482	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	536443	20.00	ng	0.00
75) Chrysene-d12	13.93	240	364901	20.00	ng	-0.01
86) Perylene-d12	15.36	264	246203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1105549	118.45	ng	0.01
7) Phenol-d6	6.41	99	1496575	118.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	940118	87.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	315360	132.90	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1448552	77.82	ng	0.00
78) Terphenyl-d14	12.89	244	1288964	73.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	125849	14.50	ng	# 73
25) Isophorone	7.34	82	939944	42.11	ng	# 67
50) 2,6-Dinitrotoluene	9.81	165	33640	8.43	ng	# 34
56) 2,4-Dinitrotoluene	9.81	165	33640	6.72	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	757	8.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	21412	3.84	ng	# 1

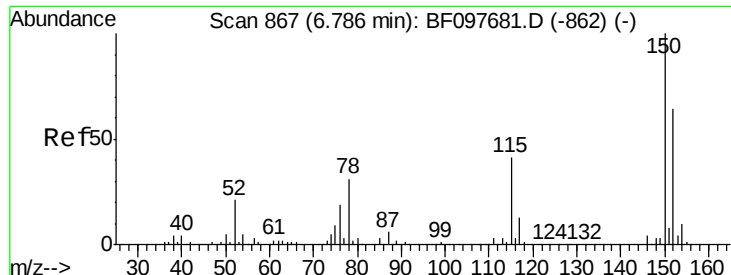
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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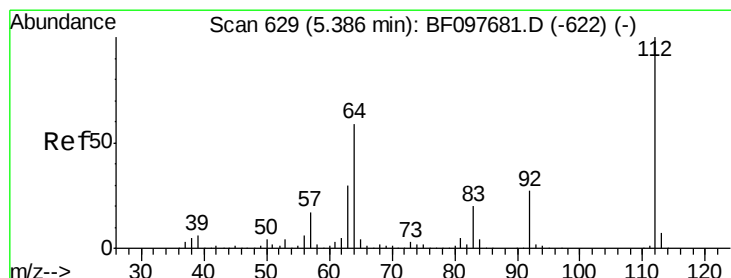
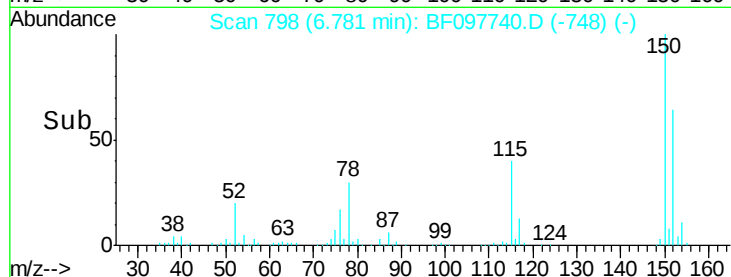
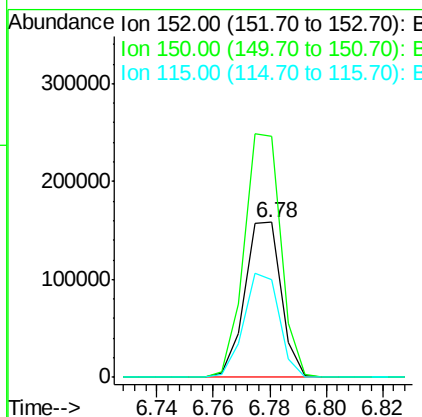
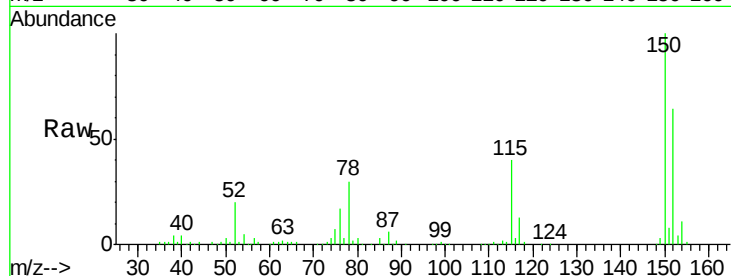


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097740.D
Acq: 16 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :
PB101499BL

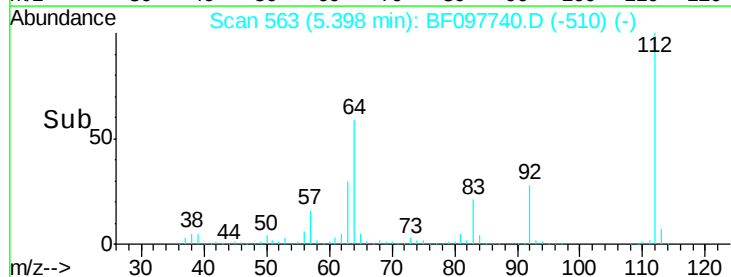
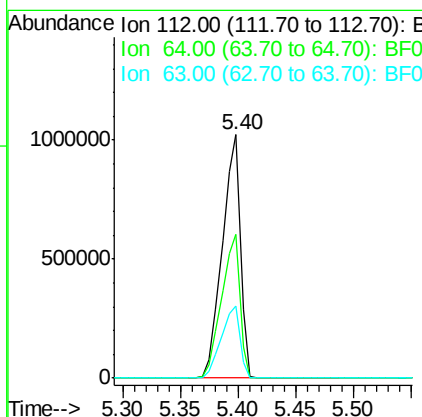
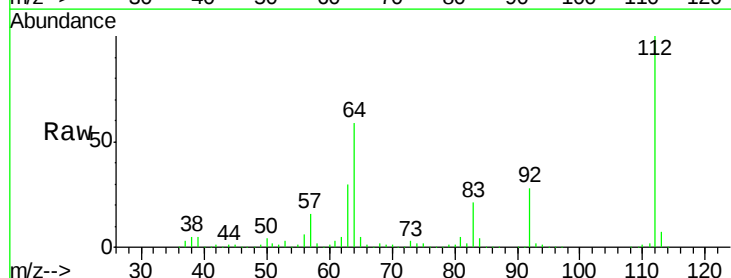
Tot Ion:152 Resp: 141964
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 63.0 52.2 78.2

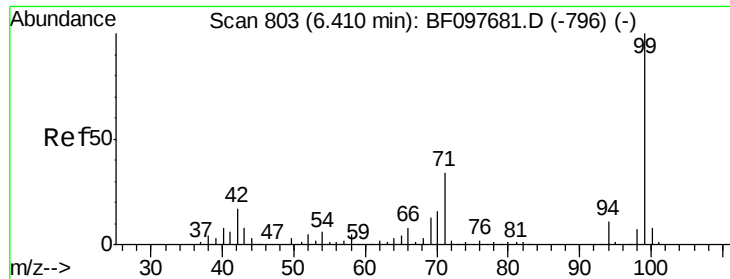


#5

2-Fluorophenol
Concen: 118.45 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF097740.D
Acq: 16 Aug 2017 15:50

Tgt Ion:112 Resp: 1105549
Ion Ratio Lower Upper
112 100
64 58.9 46.0 69.0
63 29.7 23.4 35.0





#7

Phenol-d6

Concen: 118.02 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101499BL

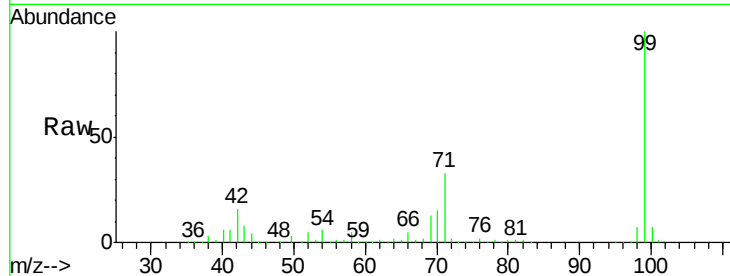
Tot Ion: 99 Resp: 1496575

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

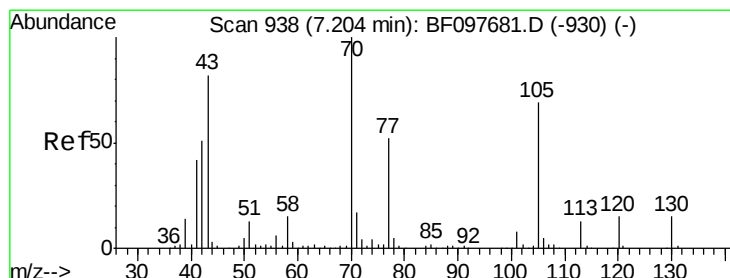
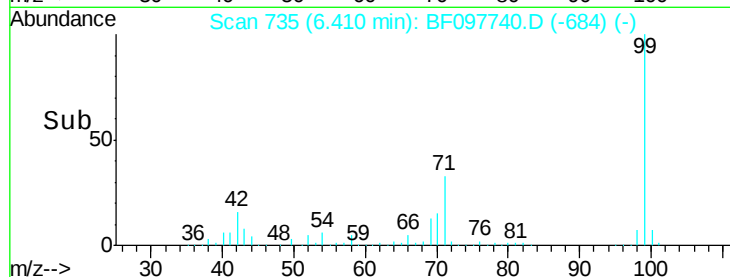
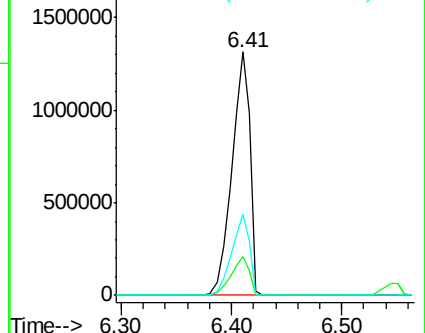
71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.50 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Tgt Ion: 70 Resp: 125849

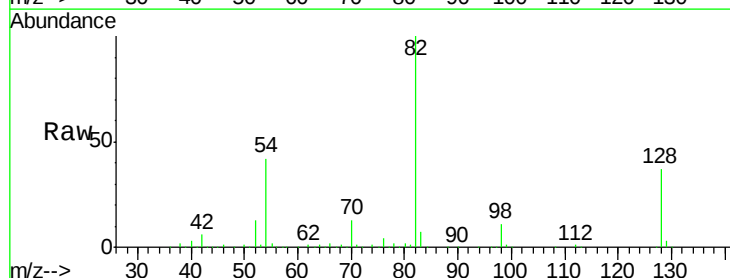
Ion Ratio Lower Upper

70 100

42 41.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

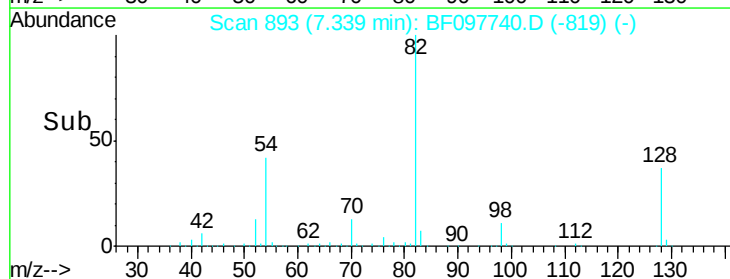
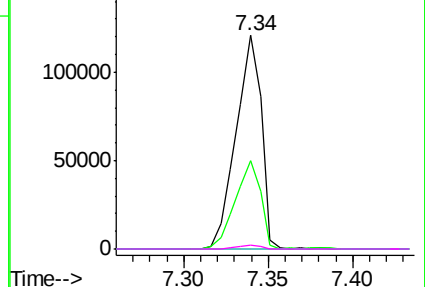


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101499BL

Tot Ion:136 Resp: 583188

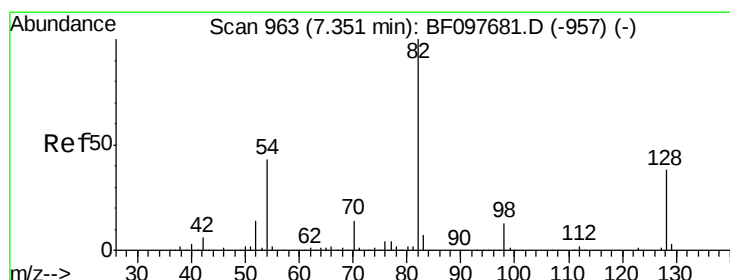
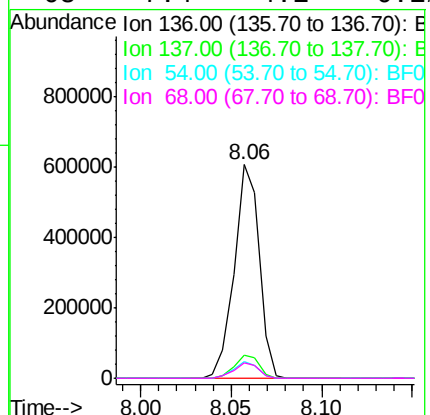
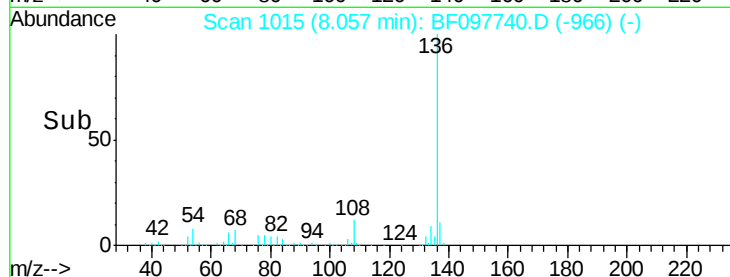
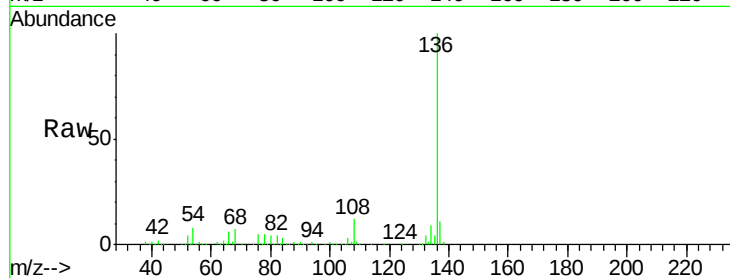
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.1 4.9 7.3#

68 7.4 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 87.57 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

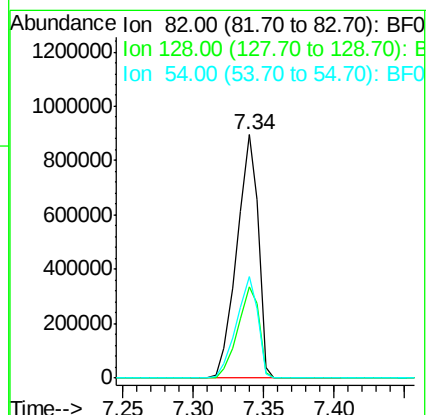
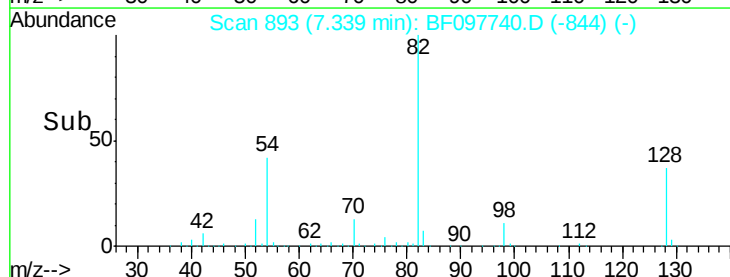
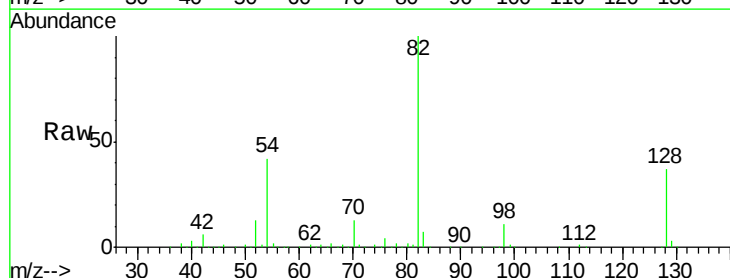
Tgt Ion: 82 Resp: 940118

Ion Ratio Lower Upper

82 100

128 37.3 34.0 51.0

54 41.6 42.2 63.2#





#25

Isophorone

Concen: 42.11 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101499BL

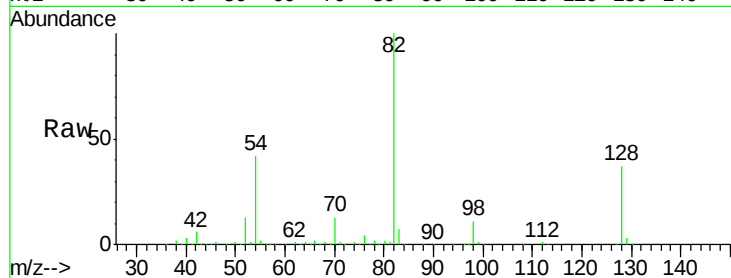
Tot Ion: 82 Resp: 939944

Ion Ratio Lower Upper

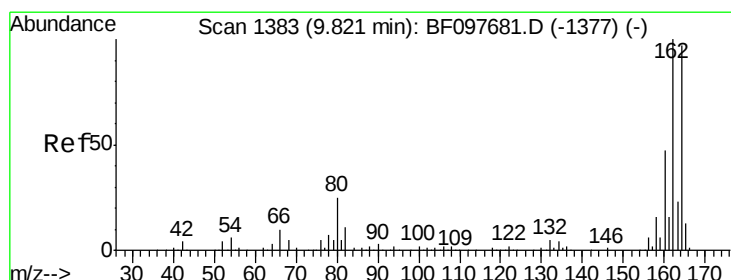
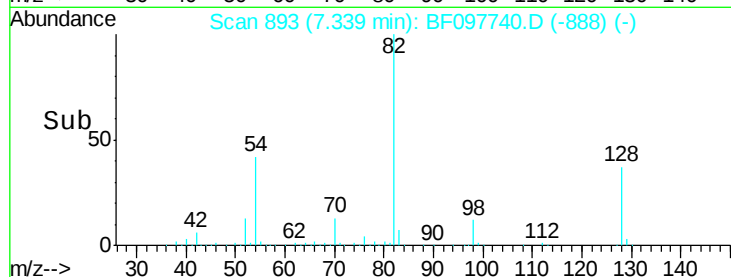
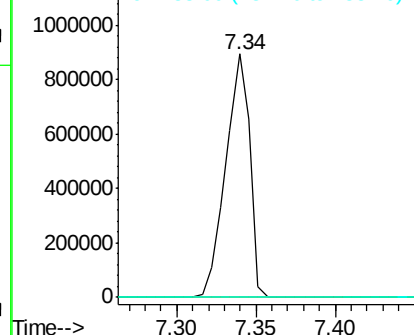
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

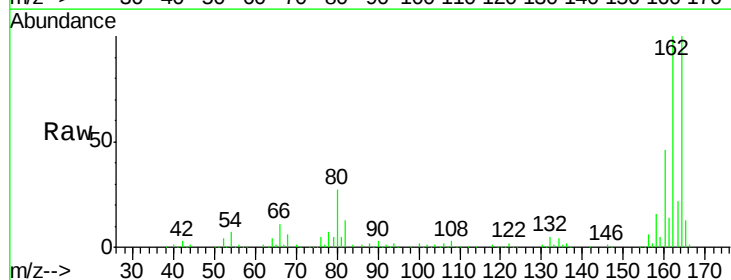
Tgt Ion:164 Resp: 273482

Ion Ratio Lower Upper

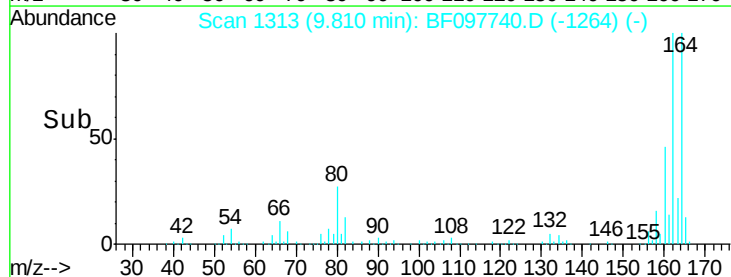
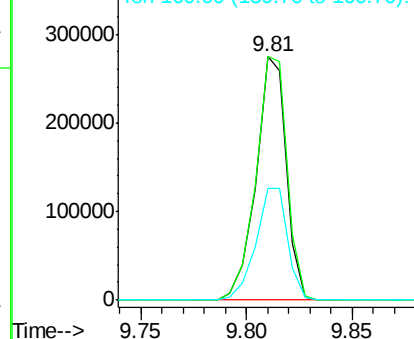
164 100

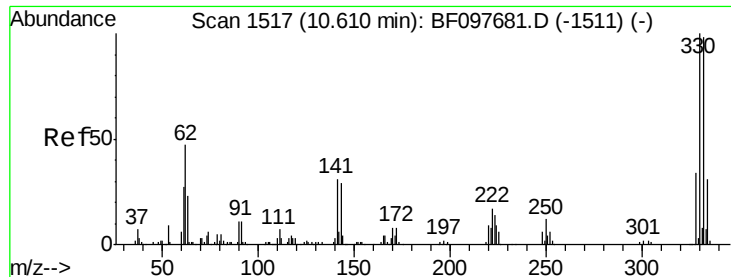
162 99.9 82.6 123.8

160 45.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

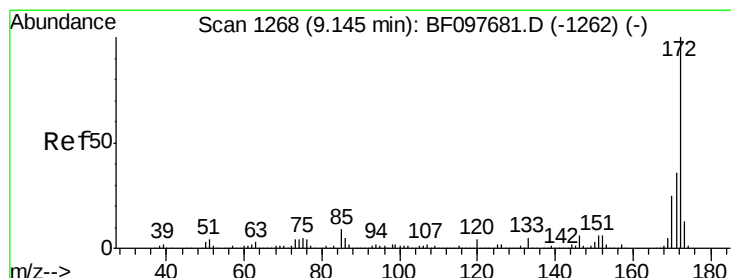
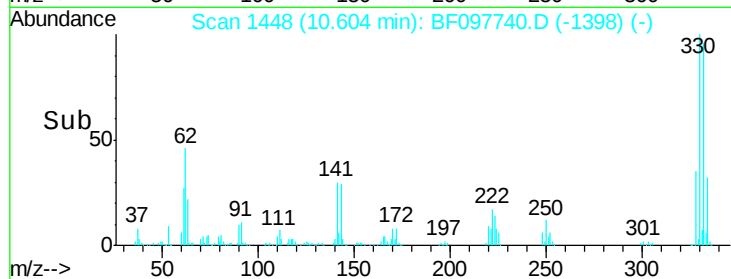
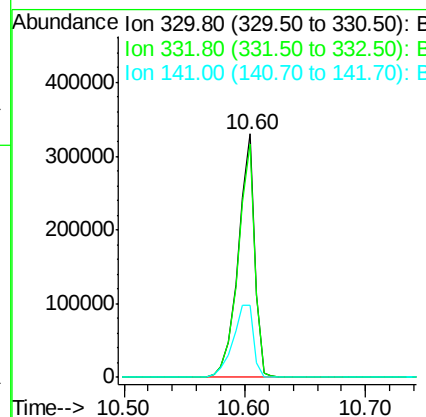
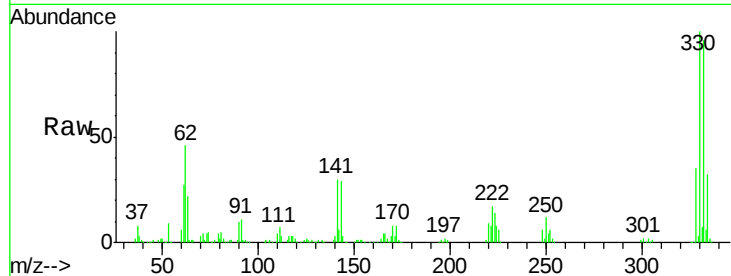




#41
 2,4,6-Tribromophenol
 Concen: 132.90 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

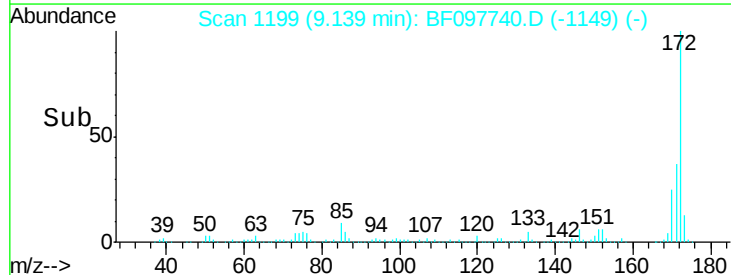
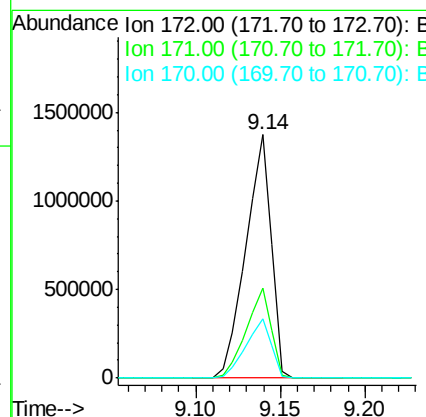
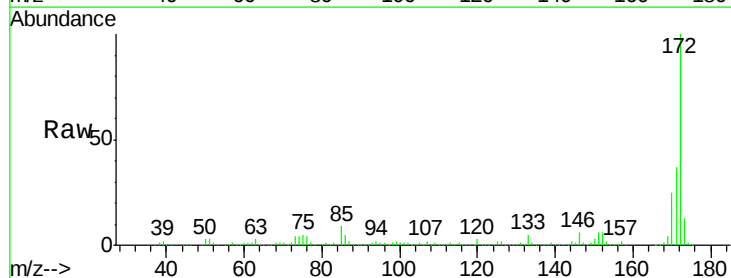
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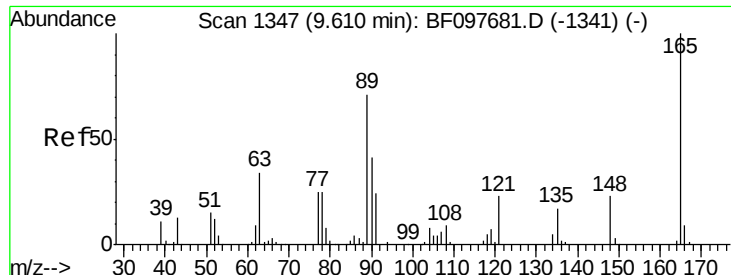
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	36.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 77.82 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8

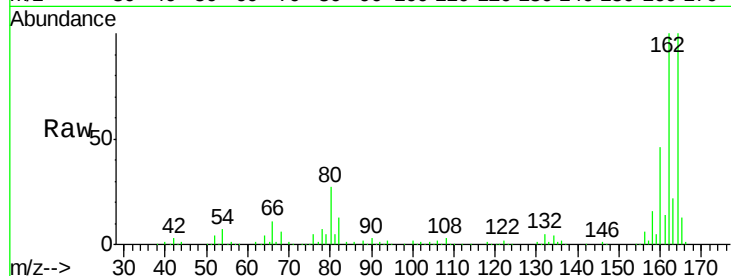




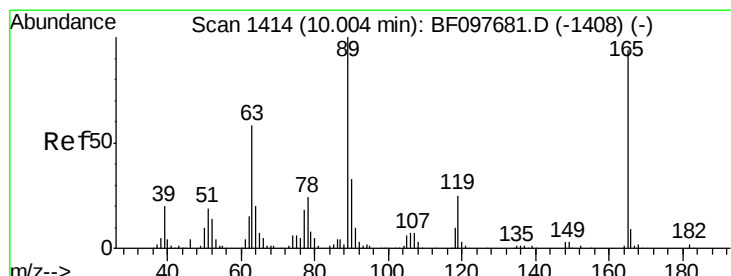
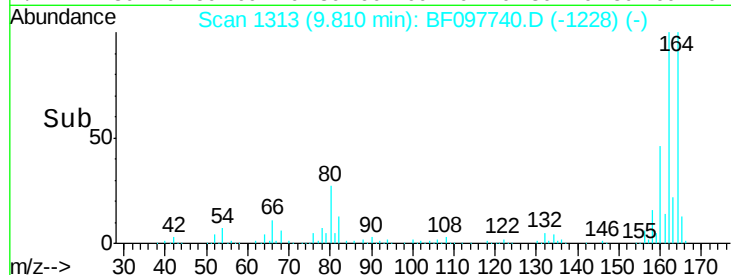
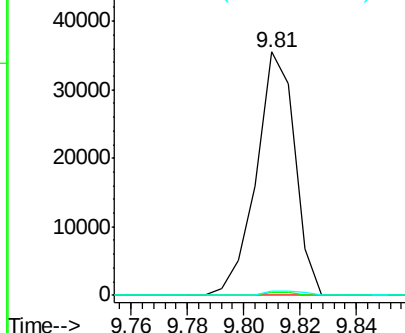
#50
 2,6-Dinitrotoluene
 Concen: 8.43 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.20 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.5	37.1	55.7#



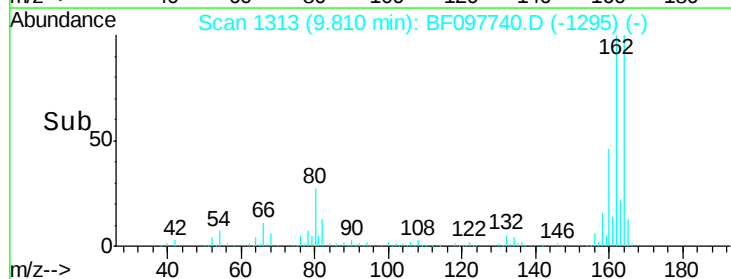
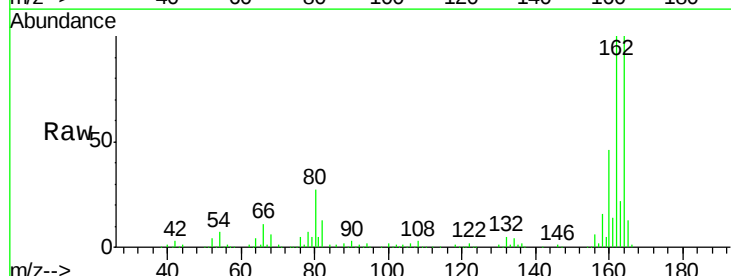
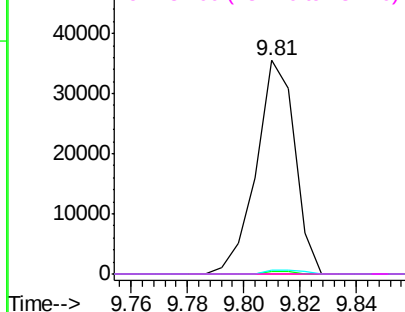
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

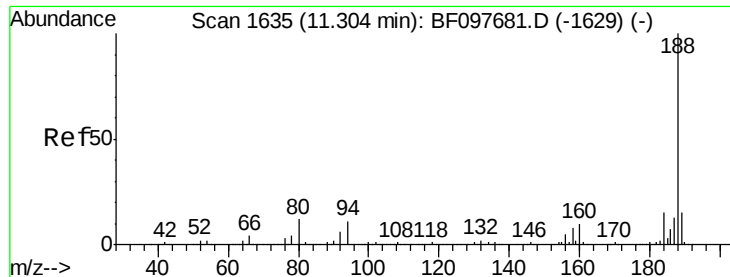


#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

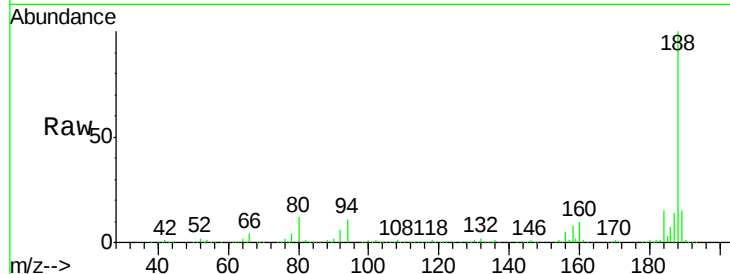




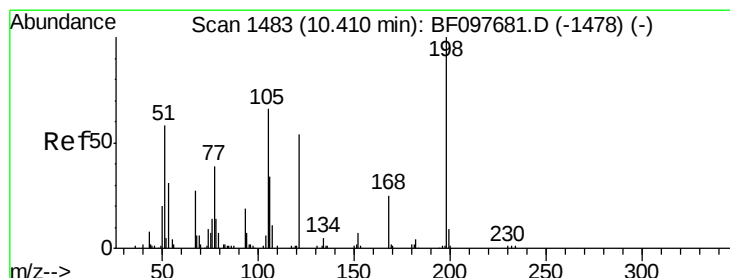
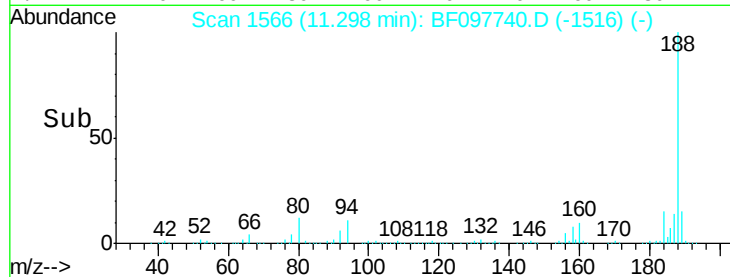
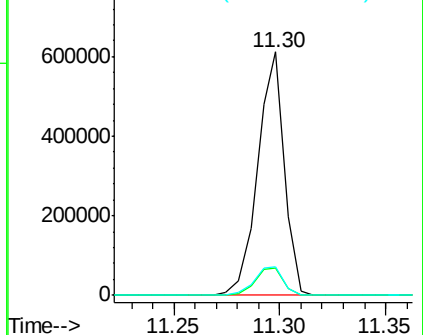
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097740.D
Acq: 16 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :
PB101499BL

Tot Ion:188 Resp: 536443
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.8 10.2 15.2

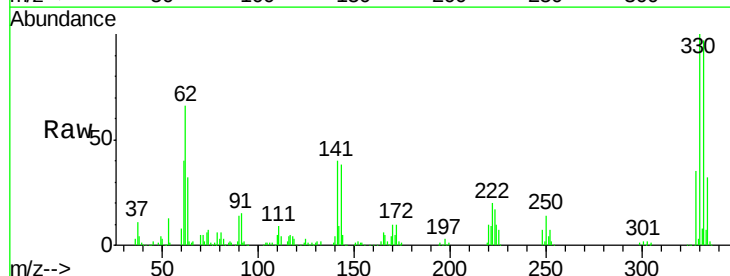


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

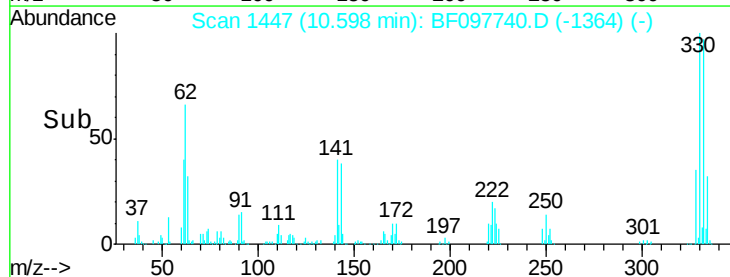
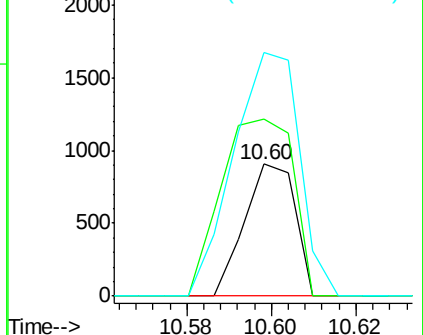


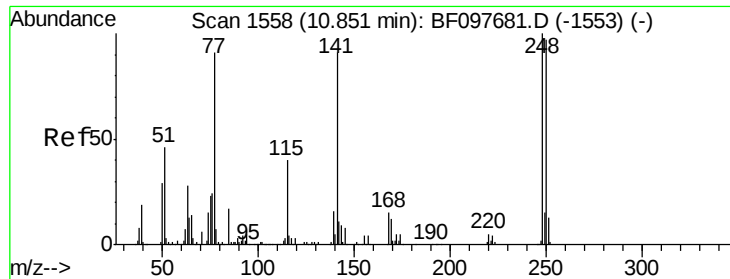
#64
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097740.D
Acq: 16 Aug 2017 15:50

Tgt Ion:198 Resp: 757
Ion Ratio Lower Upper
198 100
51 133.9 53.2 93.2#
105 184.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

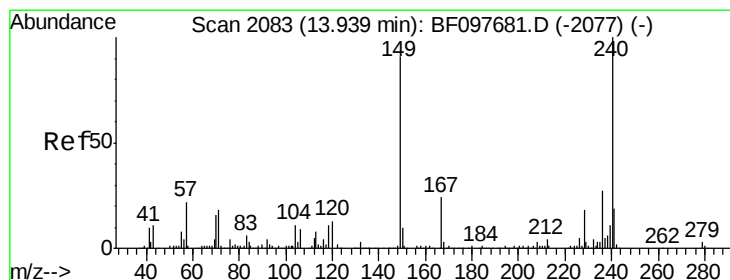
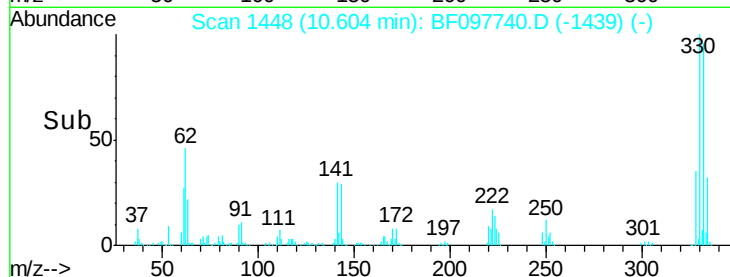
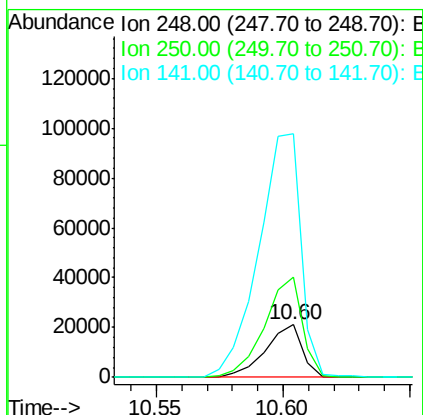
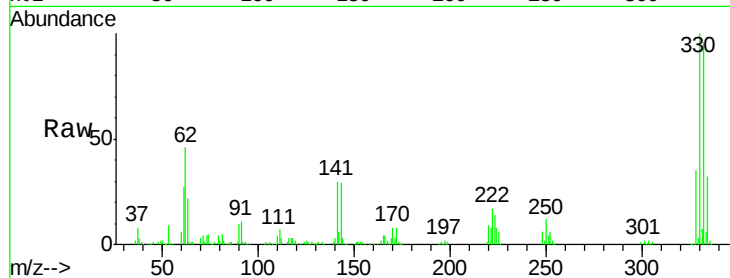




#66
 4-Bromophenyl-phenylether
 Concen: 3.84 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

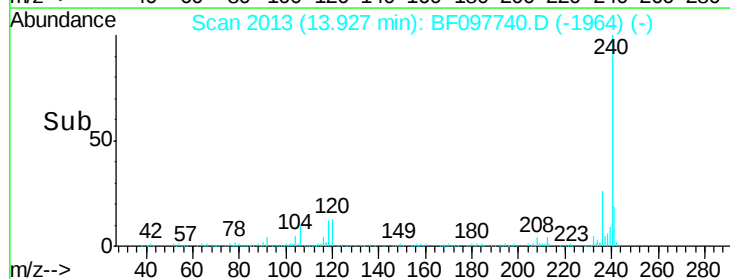
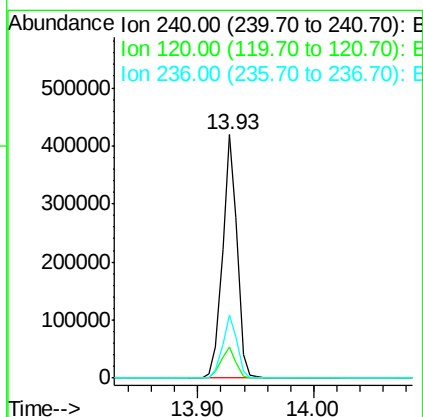
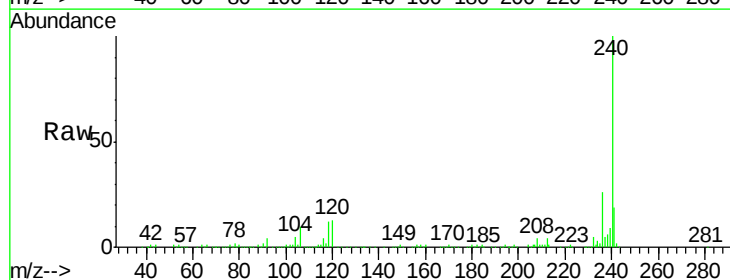
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BL

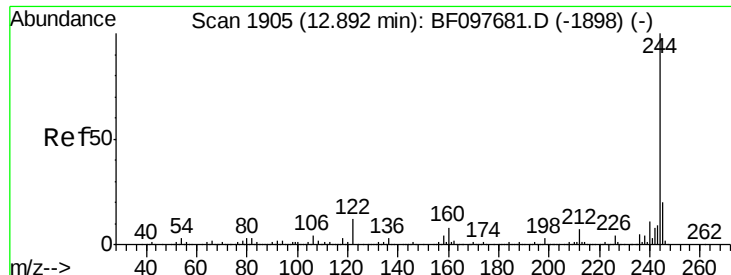
Tot Ion:248 Resp: 21412
 Ion Ratio Lower Upper
 248 100
 250 189.9 76.8 115.2#
 141 460.6 68.6 103.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

Tgt Ion:240 Resp: 364901
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 25.8 20.5 30.7





#78

Terphenyl-d14

Concen: 73.66 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101499BL

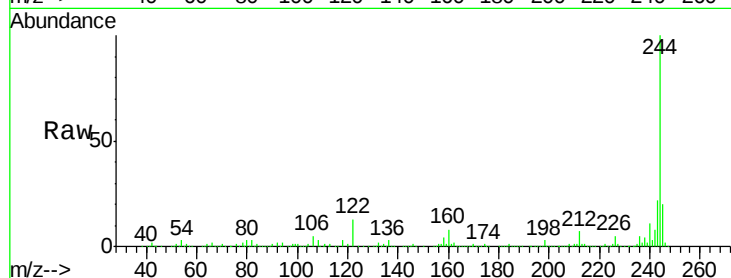
Tot Ion:244 Resp: 1288964

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

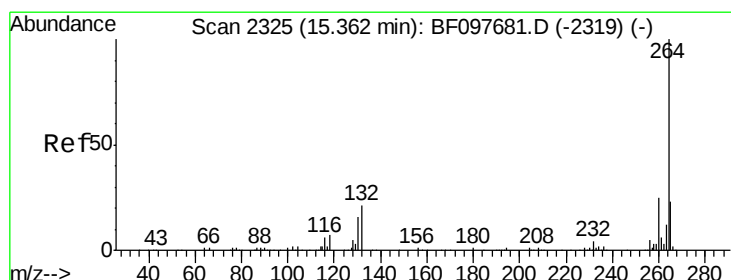
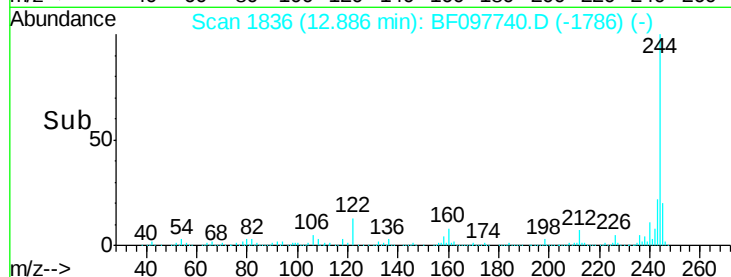
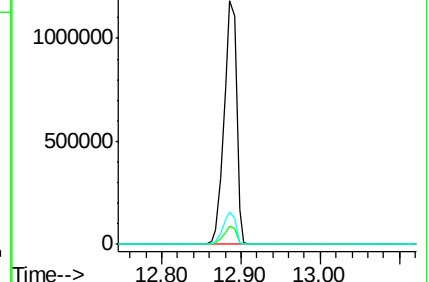
122 13.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

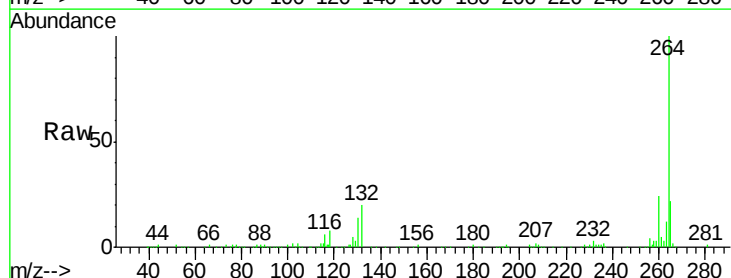
Tgt Ion:264 Resp: 246203

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

